

Fig. 1

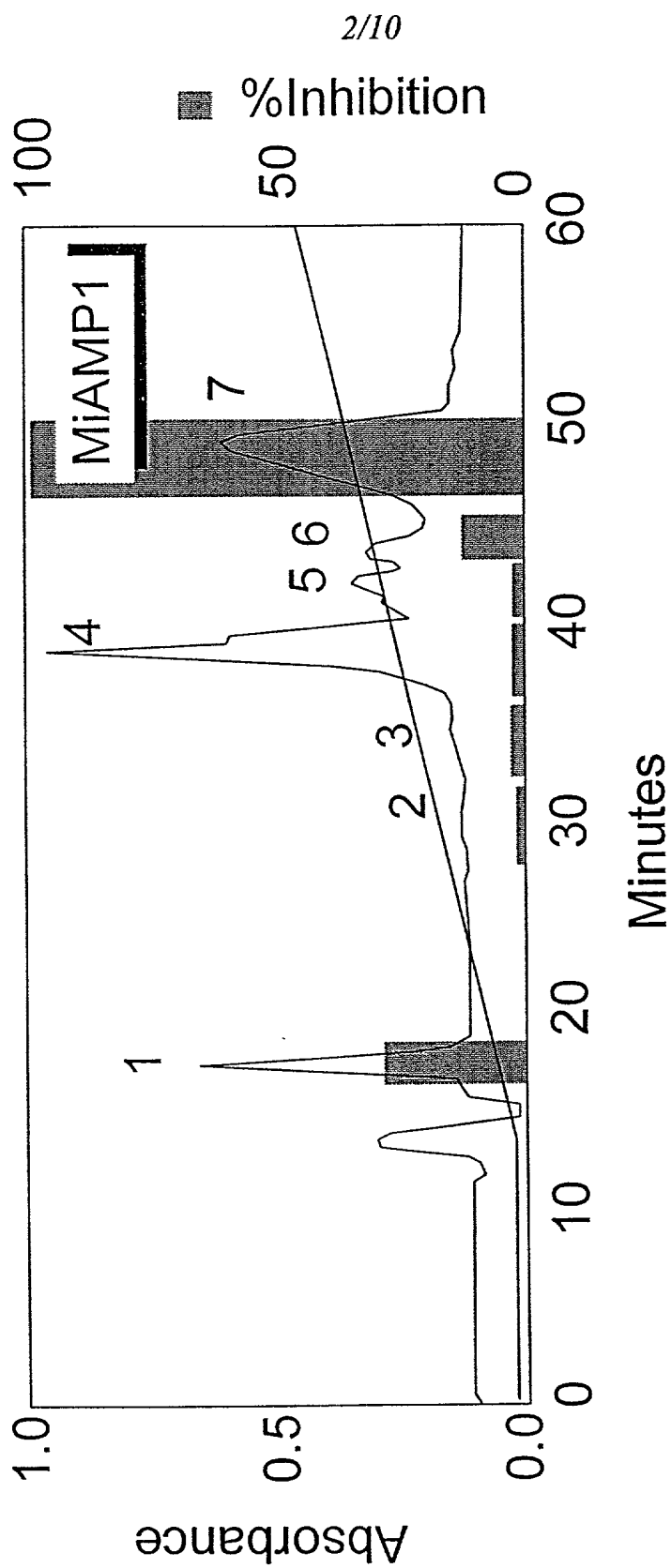


Fig. 2

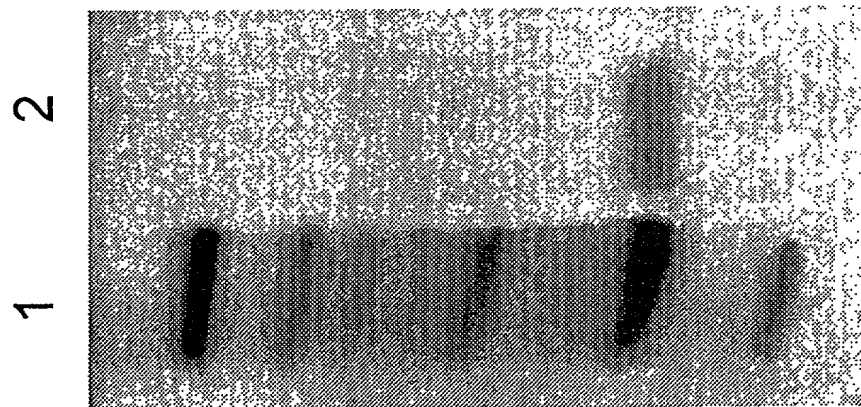


Fig. 3

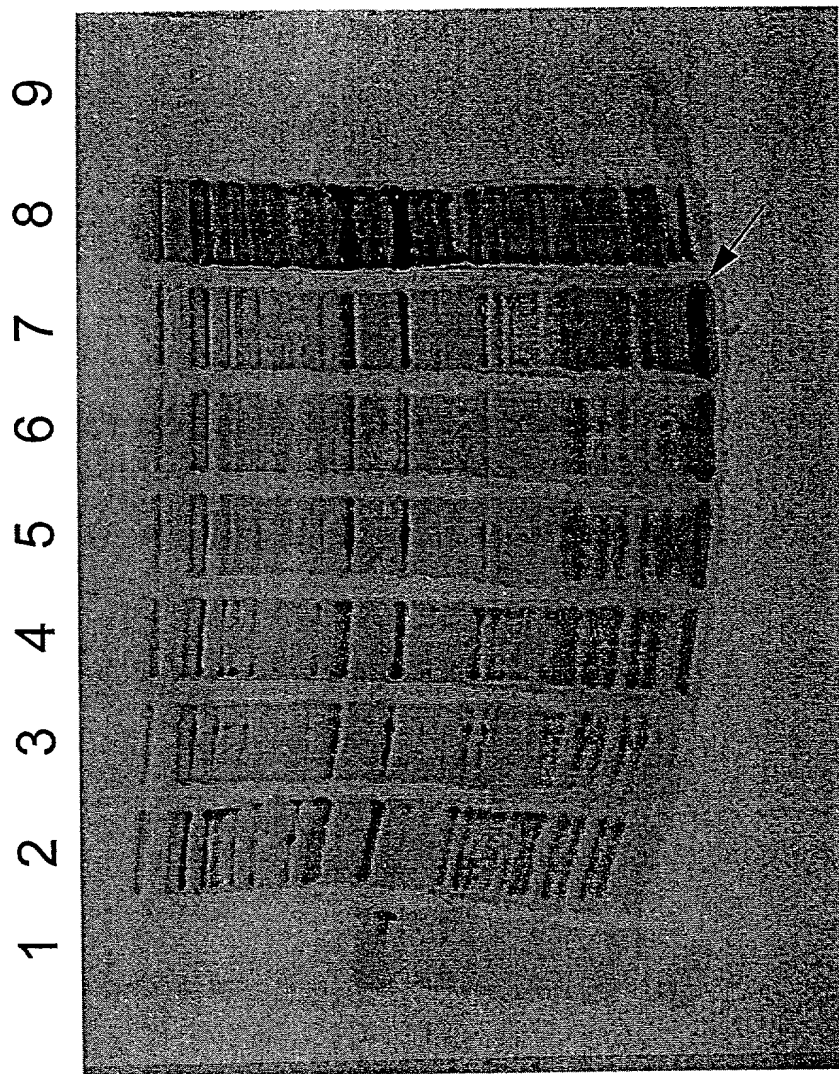


Fig. 10

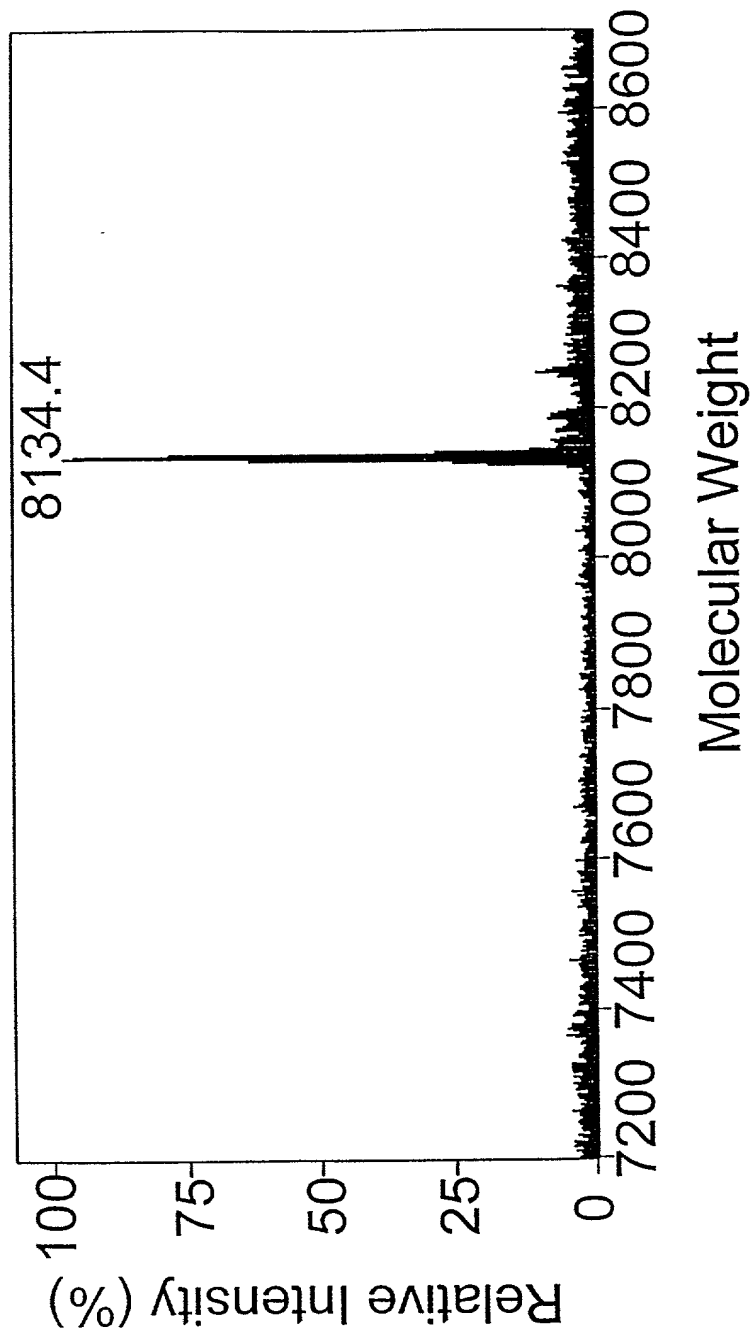


Fig. 4

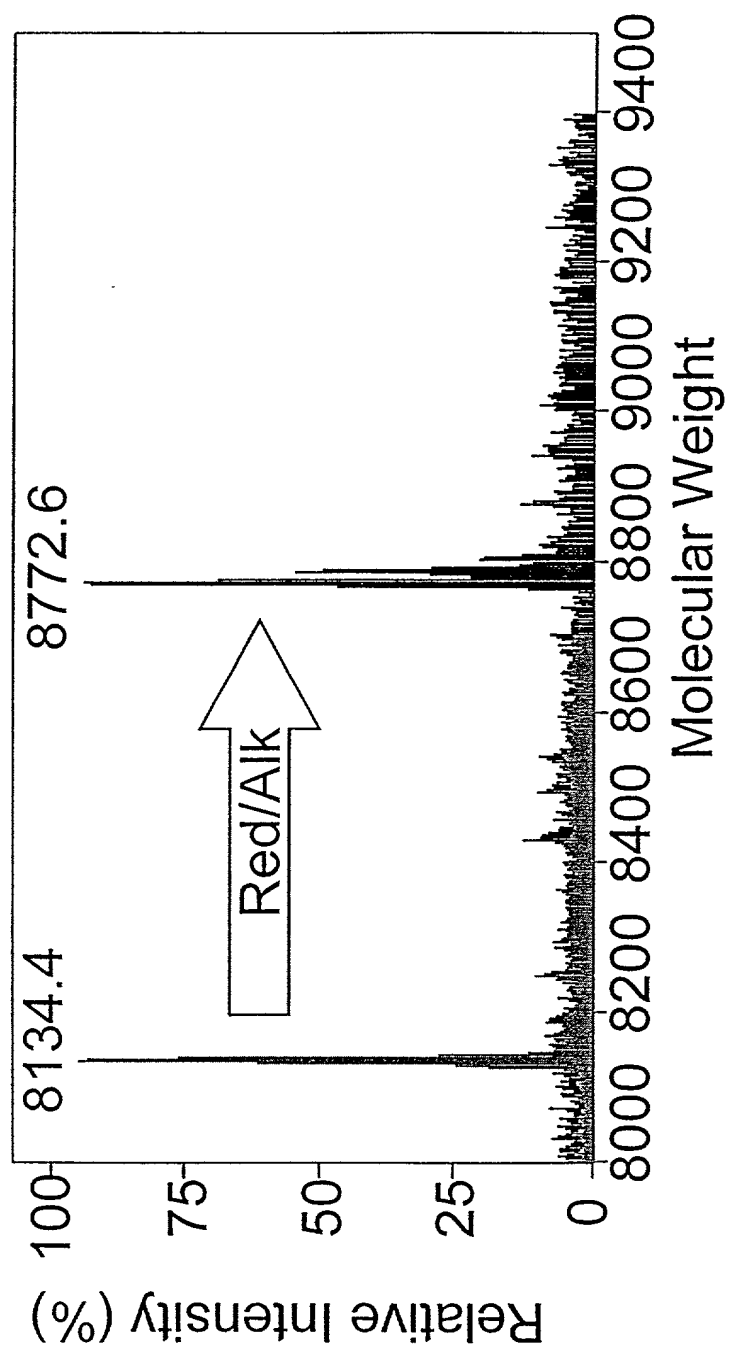


Fig. 5

ATTAAGTCTTTGAGTCTCATACATACTCTTCTCCTCCCCACCAT 45  
 AGCACTTATCAGCTAACCTCAGCCATGGCTTCCACCAAGTTGTT 90  
          M          A          S          T          K          L          F            
 TTCTCTGTCAATTACTGTGATGATGCTCATAGCAATGGCAAGTGAG 135  
 F          S          V          I          T          V          M          L          I          A          M          A          S          E  
 ATGGTGAATGGGAGTGCAATTTACAGTATGGAGTGGTCCAGGTTGT 180  
 M          V          N          G          [S          A          F          T          V          W          S          G          P          G          C]  
 AACAAACCGTGCTGAGCGGATATAGCAAGTGTGGATGCTCAGCTATA 225  
 [N          N          R          A          E          R          Y          S          K          C          G          C          S          A          I]  
 CATCAGAAGGAGGCTATGACTTTCAGCTACACTGGACAAACTGCT 270  
 [H          Q          K          G          G          Y          D          F          S          Y          T          G          Q          T          A]  
 GCTCTCTACAACCAAGGCTGGATGCAGTGGTGTGGTGTGGACACACCA 315  
 [A          L          Y          N          Q          A          G          C          S          G          V          A          H          T          R]  
 TTTGGGTCAGTGCCAGGCGATGCAACCCCTTTTGGTTTGGAAAGAGT 360  
 [F          G          S          S          A          R          A          C          N          P          F          G          W          K          S]  
 ATCTTCATCCAATGCTAGATTTTCATAACTCTTGGATCCCATCTTCT 405  
 [I          F          I          Q          C]  
 ATGTTTTTCAAGTGATAATTAGAGAGATGCATGGATATATAATA 450  
 AATAAGTAAAGCTACGGTATCACCATGTGATGATTTTAYACCC 493

Fig. 6



Fig. 7

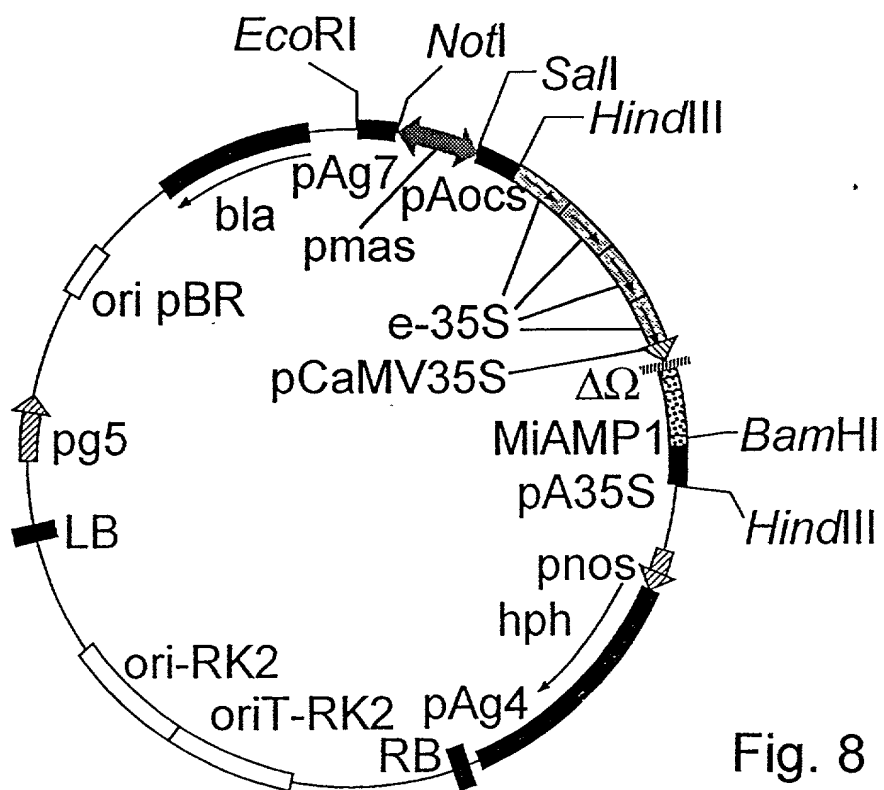


Fig. 8

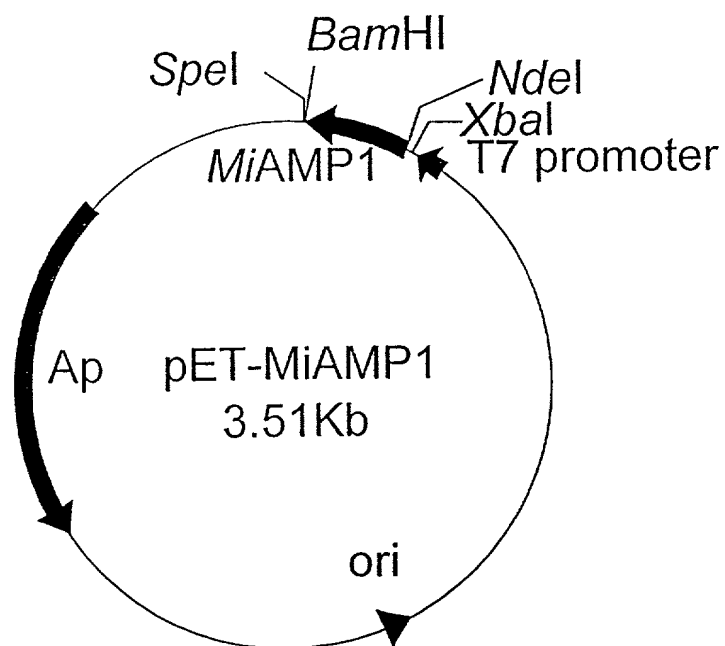
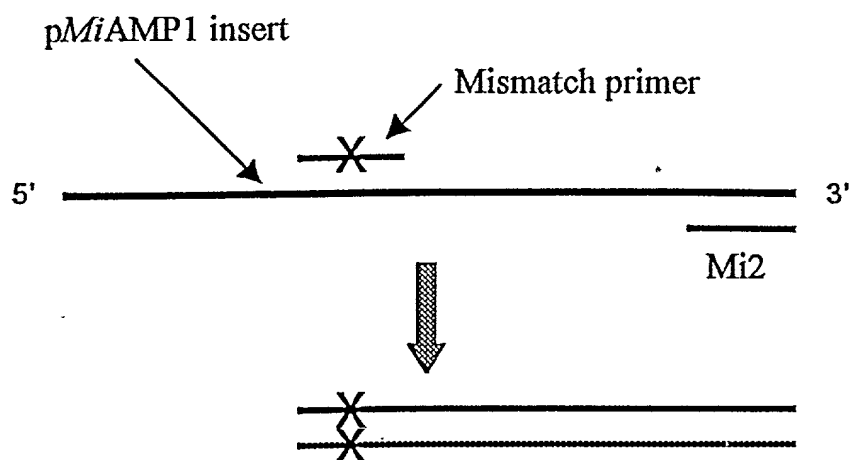


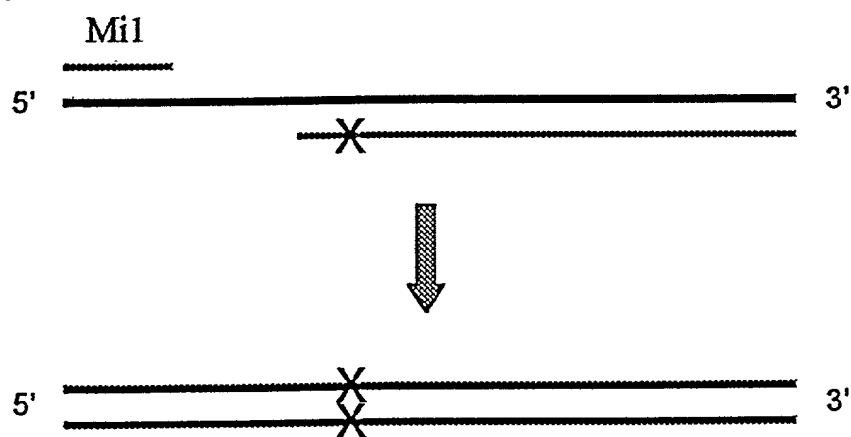
Fig. 9



## Amplification 1



## Amplification 2



## Amplification 3

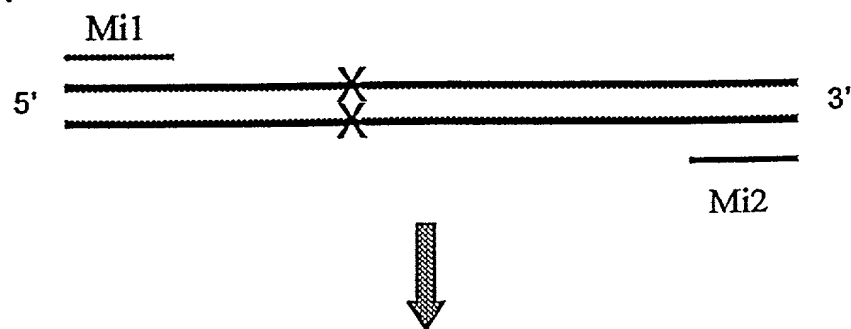


Fig. 11

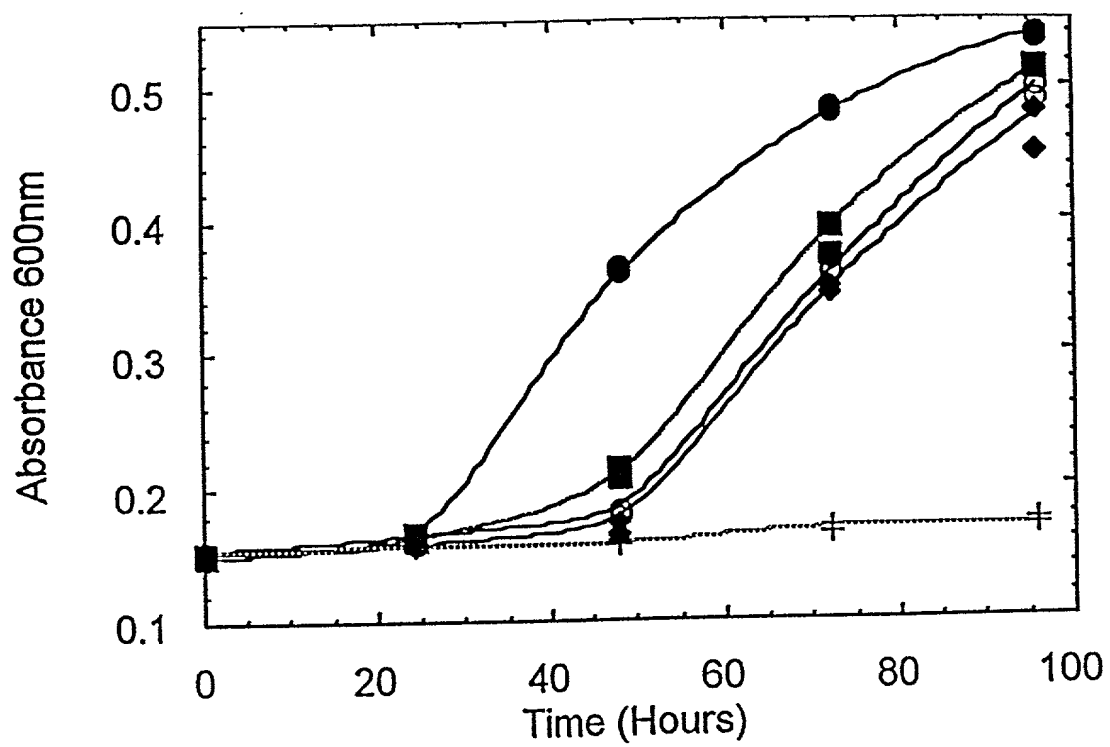


Fig. 12